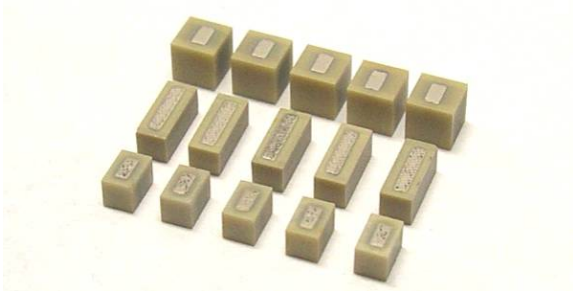


Piezo Actuator

Multilayer Piezo Actuator PAC Series, PAB Series

Small size, low operating voltage

PAC series



Features

- Minimum out-gas in vacuum environment
- Available in high-temperature environment : over 100°C
- High-speed response : Driving in several ten kHz
- Fine positioning : Controllable in nm
- Low operating voltage : under 100V
- Low electromagnetic interference
- Low energy consumption

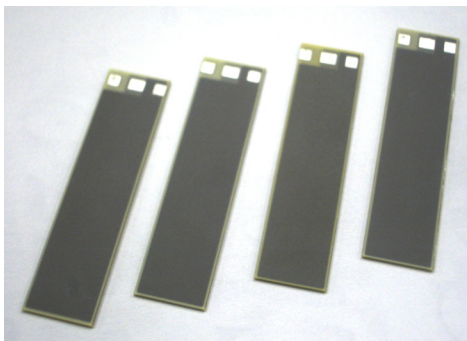
Applications

Printer / vibration / mirror, prism positioning / pump / linear motor etc.

Custom Actuators

We make special order product

PAB series



Features

- Large displacement in low operating voltage
- High reliability : No bonding by cofired
- Low electromagnetic interference
- Low energy consumption

Applications

Switch / vibration / pump etc.

Custom Actuators

We make special order product

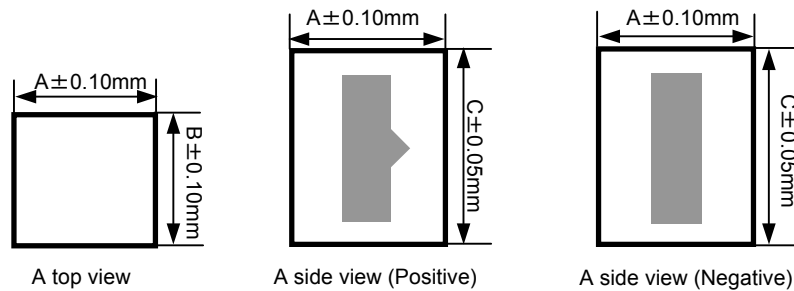
Piezo Actuator

Multilayer Piezo Actuator

● Specifications

	PAC-122C	PAC-122E	PAC-133C
Operating temperature range	-20°C~150°C	-20°C~150°C	-20°C~150°C
Max. operating voltage	100V		
Max. displacement	≥1.0 μm	≥2.0 μm	≥1.5 μm
Displacement hysteresis	≤15%		
Resonance frequency	≥300kHz	≥200kHz	≥300kHz
Max. generated force	≥10N		≥30N
Capacitance	12nF±20%	25nF±20%	50nF±20%
Dielectric loss (tan δ)	≤2.0%		
Insulation resistance	≥100MΩ		
Dimension (AxBxC)	2x2x3mm	2x2x5mm	3x3x3mm

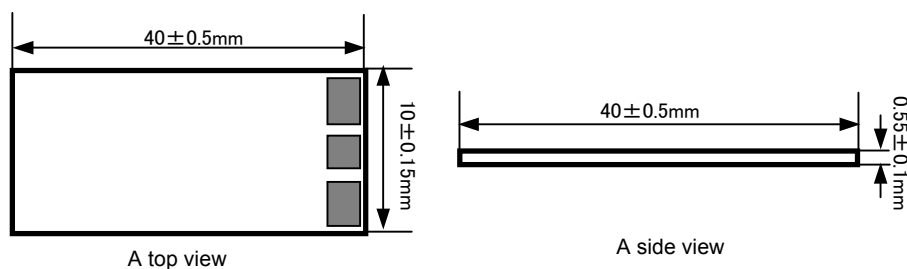
● DIMENSION



● Specifications

	PAB-4010
Operating temperature range	-20°C~100°C
Max. operating voltage (recommended)	150V(100V)
Max. displacement (recommended)	≥±0.7mm(±0.5mm)
Max. generated force (recommended)	≥560mN(400mN)
Capacitance	400nF±20%
Dielectric loss (tan δ)	≤3.0%
Insulation resistance	≥100MΩ

● DIMENSION



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